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Title: **JP2000200678A2: INDUCTION HEATING COIL DEVICE FOR CLAMP FLEXIBLE CYLINDRICAL MEMBER**

Country: **JP Japan**

Kind: **A2 Document Laid open to Public inspection**

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Application Number: **JP1998000378605**

IPC Code: **H05B 6/10; A61B 17/12; A61B 18/12;**

Priority Number: **1998-12-29 JP1998000378605**

Abstract:

PROBLEM TO BE SOLVED: To provide an induction heating coil device for clamping a flexible cylindrical member capable of easily and securely sealing the flexible cylindrical member and improving the efficiency of clamping work.

SOLUTION: This induction heating coil device is arranged with a thermally deformable clamping member at a sealing position on a flexible cylindrical member and deforms the clamping member for clamping the flexible cylindrical member with the clamping member by heating the clamping member with induction heat. The device has a pair of holding members 2, 3 openable/closable via a fulcrum and having heating planes formed at the ends abutting on the clamping member and coils arranged in the holding members 2, 3 for supplying induction heat at least to the heated planes. The heating planes of the holding members 2, 3 are heated to a preset temperature by a high frequency current into the coils and the clamping member is thermally deformed by the closing operation of the holding members 2, 3 while being thrust at a preset pressure.

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Family: **None**

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